

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
2099.0070001/JAG/LBB
FIRST NAMED INVENTOR
Corona Villegas *et al.*
FILING DATE
November 26, 2003

Page 1 of 6
APPLICATION NO.
10/721,793
ART UNIT
1653

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AD	AA1	5,904,922	05/18/1999	Carroll			05/16/1995
AS	AB1	5,443,976	08/22/1995	Carroll			07/14/1994
	AC						
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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AD	AR	1	Becerril, B., <i>et al.</i> , "Cloning and characterization of cDNAs that code for Na ⁺ -channel-blocking toxins of the scorpion <i>Centruroides noxius</i> Hoffman," <i>Gene</i> 128:165-171, Elsevier Science Publishers B.V. (1993)
AS	AS	1	Couraud, F., <i>et al.</i> , "Two types of scorpion toxin receptor sites, one Related to the Activation, the Other to the Inactivation of the action potential sodium channel," <i>Toxicon</i> 20:9-16, Pergamon Press, Ltd. (1982)
AT	AT	1	Dehesa-Dávila, M. and Possani, L.D., "Scorpionism and serotherapy in Mexico," <i>Toxicon</i> 32:1015-1018, Elsevier Science, Ltd. (1994)

EXAMINER

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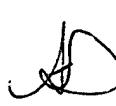

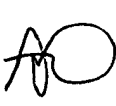
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	AR	2	Dehesa-Davila, M., <i>et al.</i> , "Clinical toxicology of scorpion stings," in <i>Handbook of Clinical Toxicology of Animal Venoms and Poisons</i> , Ch. 18, Meier, J., and White, J., eds., CRC Press, Boca Raton, LA, pp. 221-238 (1995)
	AS	2	Edman, P. and Begg, G., "A protein sequenator," <i>Eur. J. Biochem.</i> 1:80-91, Blackwell Science, Ltd. on behalf of the Federation of European Biochemical Societies (1967)
	AT	2	García, C., <i>et al.</i> , "Isolation, characterization and comparison of novel crustacean toxin with a mammalian toxin from the venom of the Scorpion <i>Centruroides noxius</i> Hoffman," <i>Comp. Biochem. Physiol.</i> 116B:315-322, Elsevier Science, Inc. (1997)

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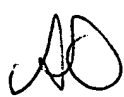


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	AR	3	Legros, C., <i>et al.</i> , "Use of fusion protein constructs to generate potent immunotherapy and protection against scorpion toxins," <i>Vaccine</i> 20:934-942, Elsevier Science, Ltd. (Dec. 2001)
	AS	3	Licea, A.F., <i>et al.</i> , "FAB fragments of the monoclonal antibody BCF2 are capable of neutralizing the whole soluble venom from the Scorpion <i>Centruroides noxius</i> Hoffman," <i>Toxicon</i> 34:843-847, Elsevier Science, Ltd. (1996)
	AT	3	Maraboto Martinez, J.A., <i>et al.</i> , "Panorama Epidemiológico de las Intoxicaciones Causadas por Animales Ponzosos en la Población Derechohabiente del IMSS 1990-1998," in <i>3ª Reunión de Expertos en Envenenamiento por Animales Ponzosos</i> , Instituto de Biotecnología, Universidad Nacional Autónoma de México, Alcapulco, Gro., México pp. 1-14 (1999)

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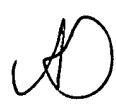


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	AR	4	Nonner, W., "Effects of <i>Leiurus</i> scorpion venom on the "gating" current in myelinated nerve," <i>Adv. Cytopharmacol.</i> 3:345-352. Raven Press (1979)
	AS	4	Possani, L.D., <i>et al.</i> , "Scorpion toxins from <i>Centruroides noxius</i> and <i>Tityus serrulatus</i> ," <i>Biochem. J.</i> 229:739-750, Biochemical Society/Portland Press (1985)
	AT	4	Possani, L.D., <i>et al.</i> , "Scorpion toxins specific for NA ⁺ channels," <i>Eur. J. Biochem.</i> 264:287-300, Blackwell Science, Ltd. on behalf of the Federation of European Biochemical Societies (1999)

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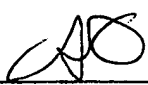


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	AR	<u>5</u>	Possani, L.D., <i>et al.</i> , "Peptides and genes coding for scorpion toxins that affect ion-channels," <i>Biochimie</i> 82:861-868, Editions Scientifiques Elsevier (2000)
	AS	<u>5</u>	Soraida Calderon-Aranda, E., <i>et al.</i> , "Neutralizing capacity of murine sera induced by different antigens of scorpion venom," <i>Toxicon</i> 31:327-337, Pergamon Press, Ltd. (1993)
	AT	<u>5</u>	Soraida Calderon-Aranda, E., <i>et al.</i> , "The use of synthetic peptides can be a misleading approach to generate vaccines against scorpion toxins," <i>Vaccine</i> 13:1198-1206, Elsevier Science, Ltd. (1995)

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	AR	6	Strichartz, G., <i>et al.</i> , "An integrated view of the molecular toxinology of sodium channel gating in excitable cells," <i>Ann. Rev. Neurosci.</i> 10:237-267, Annual Reviews, Inc. (1987)
	AS	6	Zamudio, F., <i>et al.</i> , "Amino acid sequence and immunological characterization with monoclonal antibodies of two toxins from the venom of the Scorpion <i>Centruroides noxius</i> Hoffman," <i>Eur. J. Biochem.</i> 204:281-292, Blackwell Science, Ltd. on behalf of the Federation of European Biochemical Societies (1992)
	AT	6	English translation of Maraboto Martínez, J.A., <i>et al.</i> , "Intoxications caused by poisonous animals among IMSS right-holders, 1990-1998. An epidemiological overview," in <i>3ª Reunión de Expertos en Envenenamiento por Animales Ponzofiosos</i> , Instituto de Biotecnología, Universidad Nacional Autónoma de México, Alcapulco, Gro., México pp. 1-14 (1999), translated by Amador Rodríguez, J.C. (December 2004), Document AT3

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